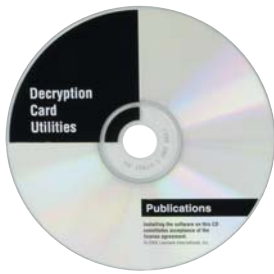




PrintCryption™ Card



The Lexmark PrintCryption™ Card for the C91x color printer, Lexmark T and W Series of network printers is designed to provide security for proprietary and confidential documents.



Secured and protected printing data stream from a variety of platforms

- Provides a higher level of security with minimal administrator support
- Strengthens security for proprietary and confidential information when transmitted over a TCP/IP network
- Supports secure key management protocols with session keys or persistent keys
- Ideal for businesses handling sensitive or personal information, such as financial institutions, government agencies and healthcare organisations
- AES encryption meets FIPS-197 requirements (Federal Information Processing Standard)



- Lexmark PrintCrypt™ Card
- Installation instruction sheet (French, German, Italian, Spanish, English and Portuguese)
- CD-ROM with the license agreement, README in PDF format and encryption software. Use selected UNIX and Windows system environments

- Lexmark T520n, T520dn, T522n, T522dn
- Lexmark T620n, T620dn, T622n, T622dn
- Lexmark X620e MFP
- Lexmark T630n, T630dn, T632n, T630dn, T634n, T634dn
- Lexmark X63x MFP's
- W820n, W820dn, X820eMFP and W812n

* A minimum of 32MB of printer RAM memory is required.
Note: Only n or dn printers with standard Ethernet connections are supported. The MarkNet™ X2000 and MarkNet N2000 Print Servers do not support the Lexmark PrintCryption™ card.

These products have been classified by the US Bureau of Industry and Security under ECCN 5D002 (c.1) as retail PrintCrypton items exportable to certain countries under License Exception ENC, Section 740.17 (b) (3) of the Export Administration Regulations.

These products are subject to U.S. export control laws and may be subject to export or import regulations in other countries.

Licenses and approvals to export, re-export, or import this product may be required after delivery.

These products may not be exported or re-exported to any countries (or any nationals of such countries) that support international terrorism, including, but not limited to, Cuba, Iran, Iraq, Libya, North Korea, Sudan and Syria.

These products may not be exported for use in the design, development, production or use of nuclear, biological or chemical weapons.

The PrintCrypt™ Card provides corporate environments with strengthened printing security. A May 2002 survey conducted by CIO Magazine underscores the importance of IT security. In fact, survey respondents recommend a 77 percent increase in security spending in 2003 compared to current levels.

The new Lexmark PrintCryption™ Card works with software from Levi, Ray & Shoup, Inc. (LRS), VPS/TCPIP 8.0 or later and VPS/Secure 8.0 or later, to provide encrypted, end-to-end print job security between common mainframe and Windows systems and wired or wireless Lexmark network printers.

This solution generates random and unique session keys for each print job. Similar offerings on the market today use a persistent key for each printer. This new Lexmark technology offers a level of security that eliminates the worry of a "key" being compromised and used to intercept future confidential print jobs.

As an added layer of security, this new offering also permits only the specified printer to decrypt and print the data. If information is inappropriately intercepted, it remains encrypted. The Lexmark PrintCrypt™ Card works when installed in the LexmarkT family, W family or C91x color laser printers to receive the encrypted data stream, decrypt it and produce the confidential document.

Encryption software is included to secure and support print data sent from supported systems



Supported by Lexmark award winning technology, innovative business applications and strong strategic service offerings, Lexmark's highly skilled, specialised account team can assist your organisation to print smarter, move critical information faster and manage your output related costs more efficiently.

This value proposition, Print-Move-Manage, translates into a set of industry-specific solutions and expertise allowing you to improve, maintain and manage your document and printing infrastructure.

PRINT: A full range of advanced printing solutions based on industry leading technology and associated product services that provide leading edge functions at a very competitive cost. These include printers, multifunction devices as well as network and application-specific hardware and software solutions

MOVE: Consulting and implementation services designed to increase productivity while reducing the costs related to your paper-intensive processes through device consolidation, distributed document capture, distributed printing, electronic form integration and paper document workflow automation

MANAGE: A range of services offerings designed for today's business. Starting from the traditional leasing of equipment through per page based billing up to full contract management and outsourcing of your output device fleets. These offers are designed to deliver you the most cost effective solution for output and document management.

Sun Solaris (7, 8, 9), Linux (Red Hat 7, 8, Caldera 3.1, SuSE 8), Microsoft Windows (98, Me, NT 4.0, 2000 and XP), *Apple Mac OS X, HP-UX 10, 11, and *IBM AIX 4.3, 5.0.

A command line utility (DCP) is used to encrypt print jobs for Linux, Sun Solaris, HP-UX and IBM AIX.

W820 PrintCryption Card	12B0675
W812 PrintCryption Card	14R0076
T52x, T62x PrintCryption Card	11R4400
T63x PrintCryption Card	10G0158

The Lexmark PrintCryption™ Card provides support for the Advanced Encryption Standard (Rijndael algorithm). The printer must be connected to the TCP/IP network using the standard Ethernet connection in the network printer models. Unique TCP/IP port numbers are used for the encrypted print information. The card decrypts and prints the information appropriate for the port.

- Port 9150 - persistent key management and control for RSA public and private key pairs
- Port 9151 - used for data encrypted with an AES persistent key
- Port 9152 - used for data encrypted with an AES session key

<http://csrc.nist.gov/encryption/aes/rijndael/>
<http://csrc.nist.gov/encryption/aes/>

Europe: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Spain, Sweden, Switzerland and United Kingdom
United States

Canada

Australia and New Zealand
Japan